PTO/S8/08a (09-08) Approved for use through 10/31/2008 OMB 0851-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

	Application Number		09514371		
	Filing Date		2000-02-28		
	First Named Inventor Jame		s E. CURRY, et al.		
	Examiner Name Nittaya		2416		
			a Juntima		
			VE22.07 CON1		

			Remove			
Examiner Initial*	Cite No Patent Number		Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5436963		1995-07-25	Fitzpatrick et al.	
	2	5440563		1995-08-08	Isidoro et al.	
	3	5440620		1995-08-08	Slusky	
	4	5448633		1995-09-05	Jamaleddin et al.	
	5	5450411		1995-09-12	Hell	
	6	5452289		1995-09-19	Sharma et al.	
	7	5452350		1995-09-19	Reynolds et al.	
	8	5455821		1995-10-03	Schaeffer et al.	

9	5459775	1995-10-17	Isono et al.	
10	5461611	1995-10-24	Drak et al.	
11	5463677	1995-10-31	Bash et al.	
12	5469496	1995-11-21	Emery et all.	
13	5473608	1995-12-05	Gagne et al.	
14	5475817	1995-12-12	Waldo et al.	
15	5477531	1995-12-19	McKee et al.	
16	5483586	1996-01-09	Sussman	
17	5495521	1996-02-27	Rangachar	
18	5500889	1996-03-19	Baker et al.	
19	5511111	1996-04-23	Serbetdioglu et al.	

INFORMATION DISCLOSURE	Application Number		09514371		
	Filing Date		2000-02-28		
	First Named Inventor James		es E. CURRY, et al.		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2416		
(Not for Submission under or of it 1.50)	Examiner Name	Nittay	ya Juntima		
	Attorney Docket Numb	er	VE22.07 CON1		

20	5513127	1996-04-30	Gard et al.	
21	5521719	1996-05-28	Yamada	
22	5521924	1996-05-28	Kakuma et al.	
23	5524137	1996-06-04	Rhee	
24	5526416	1996-06-11	Dezonno et al.	
25	5530744	1996-06-25	Charalambous et al.	
26	5530852	1996-06-25	Mesk et al.	
27	5539884	1996-07-23	Robrock, II	
28	5539886	1996-07-23	Aldred et al.	
29	5541917	1996-07-30	Farris	
30	5541927	1996-07-30	Kristol et al.	

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Filing Date
Filing Date
Filing Date
Filing Date
Filing Name Amend Inventor
At Unit
Examiner Name
Attorney Docket Num

	Application Number		09514371		
	Filing Date		2000-02-28		
	Art Unit		s E. CURRY, et al.		
			2416		
			ra Juntima		
			VE22 07 CON1		

31	5541930	1996-07-30	Klingman	
32	5551025	1996-08-27	O'Reilly et al	
33	5551035	1996-08-27	Amold et al.	
34	5559721	1996-09-24	Ishii	
35	5561670	1996-10-01	Hoffert et al.	
36	5563882	1996-10-08	Bruno et al.	
37	5579472	1996-11-26	Keywort et al.	
38	5586177	1996-12-17	Farris et al.	
39	5590127	1996-12-31	Bales et al.	
40	5594769	1997-01-14	Pellegrino et al.	
41	5594789	1997-01-14	Seazholtz et al.	_

	Application Number		09514371		
	Filing Date		2000-02-28		
	First Named Inventor	Jame	s E. CURRY, et al.		
	Art Unit		2416		
	Examiner Name Nittay Attorney Docket Number		a Juntima		
			VE22 07 CON1		

	42	5603085		1997-02-11	Shedio			
	43	5604682		1997-02-18	McLaughlin et al.			
	44	5610972		1997-03-11	Emery et al.			
	45	5610976		1997-03-11	Uota et al.			
	46	5617422		1997-04-01	Litzenberger et al.			
	47	5617540		1997-04-01	Civaniar et al.			
	48	5619555		1997-04-08	Fenton et al.			
	49	5619557		1997-04-08	Van Berkum			
	50	5619562		1997-04-08	Maurer et al.			
If you wish	h to a	dd additional U.S. Paten			ease click the Add button.		Add	
			U.S.P	ATENT APPLI	CATION PUBLICATIONS		Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Releva		ines where es or Relevant

,					iner Na	me It	Nittaya Juntima						
				Attorn	ey Doc	ket Number	г	VE22.07 CON1					
	1												
If you wisl	h to ac	dd additional U.S. Publi	shed App	olication	n citatio	n information	n ple	ease click the Add	butto	n. Add			
FOREIGN PATENT DOCUMENTS Remove													
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	1	Name of Patentee Applicant of cited Document	or	Pages,Colu where Rele Passages Figures Ap	vant or Relevant	т.	
	1												
If you wisl	h to ac	dd additional Foreign Pa	atent Doo	cument	citation	information	ple	ase click the Add	button	Add			
			NON	PATE	NT LITE	RATURE D	ОС	UMENTS		Remove			
Examiner Initials*	Cite No	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city, and/or country where published.									Тs		
	1	Haley, James E., "Pay-p Service, October 1996.	Haley, James E., "Pay-per-call blocking using LIDB," AIN Service Description, Bell Atlantic Easy Number Call Routing Service, October 1996.										
	2	American National Standard for Telecommunications - Signalling System Number 7 (ISS7) - Signalling Connection Control Plart (SCCP), American National Standards Institue, Inc., ANSITI 112-1992, October 26, 1992.											
	3	American National Stand (MTP), American National						rstern Number 7 (SS	67) - M	essage Trans	sfer Part		
	4	American National Stand Control Part (SCCP), Am									nection		

Gasman, Lawrence, "Broadband networking," Van Nostrand Reinhold, June 13, 1994.

5

Application Number		09514371		
Filing Date		2000-02-28		
First Named Inventor	Jame	s E. CURRY, et al.		
Art Unit		2416		
Examiner Name	Nittay	a Juntima		
Attorney Docket Number		VE22.07 CON1		

6	July 21, 1997.	Ш	
7	Grigonis, Richard "Zippy," "Computer telephony over the internet," CT and the "Net, March 1996.		
8	Park, Myung Ah, et al., "Dial-up internet access service system with automatic billing mechanism," ICICS 1997, Electronics, and Telecommunications Research Institute, p.p. 148-151, Singapore, 9-12 September 1997.		
9	El-Gendy, Hazem, et al., "Computer-supported routing for intelligent networks and personalized wired communications," ICCS 1994, p.p. 1027-1033, August 1994.		
10	"Audio and video over the internet," CT and the "Net, March 1996		
11	Malamud, Carl, et al., "Internet talk radio: Geek of the week," Mobile IP Networking, O'Reilly and Associates, Inc., transcript of Interview, November 1993.		
12	McConnell, Brain, "How to build an internet PBX," Pacific Telephony Design, http://www.phonezone.com/ip-phone.htm, p.p. 1-9, October 28, 1996.		
13	Sears, Andrew, "Innovations in Internet Telephony: The Internet as the Competitor to the POTS Network," Innovation in Internet Telephony. The Internet as the Successor to the POTS Network, p.p. 1-6, February 28, 1996.		
14	"Supercharging the web with computer telephony," CT and the "Net, March 1996.		
15	Anand, Surinder S., et al., "Accounting architecture for cellular networks," ICPWC '96, IEEE, p.p. 184-189, 1996.		
16	Karthunen, Jan, et al., "Cost shructure analyses and reference model for SCALEABLE network services," The institution of Electrical Engineers, pp. 1-9, 1996.		

Application Number		09514371
Filing Date		2000-02-28
First Named Inventor	Jame	s E. CURRY, et al.
Art Unit		2416
Examiner Name	Nittaya Juntima	
Attorney Docket Number		VE22.07 CON1

17	Jennings, Barbara J., "End-User Requirements for High-Integrity Directory," Sandia National Laboratories, Abuquerque, IEEE, p.p. 1793-1796, 1996.	
18	Bolvich, D., et al., *On Charging for Internet Services provided over an A.TIVI network,* IEEE, p.p. 869-879, 1997.	
19	Estrn, Deborah, et al., "Design Considerations for Usage Accounting and Feedback In Internetworks," downloaded, August 19, 2008.	
20	Li, Chung-Sheng, et al., "Time-driven Priority" Flow Control for Real-time Heterogeneous Internetworking," IBM T. J. Watson and esearch Center, IEEE, p.p. 189-197, 1996.	
21	Edell, RJ, et al., "Billing users and pricing for TCP," IEEE Journal on Selected Areas in Communications, Vol. 13, Issue 7, pp. 1162-1175, September 1995.	
22	Margulies, Ed, "CT's CYBERDATE WITH THE 'NET," Computer Telephony Periscope, p.p. 28-29, August 1996.	
23	Inamor, Hisayoshi, et al., "Common Software Platform for Realizing a Strategy for Introducing the TMN," Network Operations and Management Symposium, Vol. 2, pp. 579-559, February 1998.	
24	Rajan, R., et al., "A policy framework for integrated and differentiated services in the Internet," Network, IEEE, Vol. 13, Issue 5, p.p. 36-41, SeptOct 1999.	
25	Louth, Nick, "MCI Communications Corp. vaults phone-data divide," Resters Limited, News article, January 29, 1998.	
26	Eriksson, Hans, "MBONE: The Multicast Backbone," file: IIICi/Documents%20and%20Settings/ rabert/DesktopIMBONE%20The%20Multicast%20Backbone htm (1 of 13)37/2008 4.06: 17 PM	
27	Macedonia, Michael R., et al., "IMBone Provides Audio and Video Across the Internet." file://ICUDocuments/X20and%X20setrippshabertiDeskt20/Audio%x20and%20Video%x20Across%20the% 20dintente file (1 of 13) of 10/2009 2 4 50 0 AM	

Application Number		09514371
Filing Date		2000-02-28
First Named Inventor	James E. CURRY, et al.	
Art Unit		2416
Examiner Name	Nittaya Juntima	
Attorney Docket Number		VE22.07 CON1

28	Lapolla, Stephanie, "Net call centers, voice to merge," News, PC Week, March 31, 1997.	
29	Bohn, Roger, et al., "Mitigating the coming internet crunch multiple service levels via precedence," San Diego Supercomputer Center, March 22, 1994.	
30	Weiss, W, "QoS with differentiated services," Bell Labs Technical Journal Vol. 3, No. 4, p.p. 48-62, OctDec. 1998	
31	Hartanto, Felix, et al., "POLICY-BASED BILLING ARCHITECTURE FOR INTERNET DIFFERENTIATED SERVICES," Proceedings of IFIP Fifth International Conference on Broadband Communications (BC '99), Hong Kong, 10-12 November 1999	
32	Mahadevan, I., et al, "Parallel Architectures, Algorithms, and Networks," (I-SPAN '99) Proceedings Fourth International/Symposium, p.p. 420-425, June 23-25, 1999	
33	Schulzrinne, H., et al., "A Transport Protocol for Real-Time Applications," Network Working Group, Audio-Video Transport Working Group, p.p. 1-151, March 10, 2008	
34	Schulzznne, H., "RTP Profile for Audio and Video Conferences with Minimal Control," Network Working Group, Audio- Video Transport Working Group, p. p. 1-18, January 1996.	
35	Kim, Gary, "Talk is cheap voice over the internet," America's Network, p.p. 34-39, July 15, 1996	
36	Newton, Harry, "Notes from the field. The personal side of CT," 12 Computer Telephony, January 1997.	
37	Vendito, Gus, "Inferret phones the future is calling," Internet World Magazine, June 1996.	
38	Crowcroft, Jon, et al, "Pricing internet services," Department of Computer Science, UCL, Gower Street, LONDON, UK, p.p. 1-16, downloaded, August 19, 2008.	

Application Number		09514371
Filing Date		2000-02-28
First Named Inventor	James E. CURRY, et al.	
Art Unit		2416
Examiner Name	Nittaya Juntima	
Attorney Docket Number		VE22 07 CON1

39	Newton, Harry, "TELEPHONY MESSAGING ON THE INTERNET," http://www.dialogweb.com/cgi/dwclient? req=1205770063076 (1 of 5) 3/17/2008 12:08:09 PM	
40	Manuyama, Katsumi, et al., "A Concurrent Object-Oriented Switching Program in Chill," 2460 IEEE Communications Magazine, 29(1991) January, No.1, pp. 60-68, New York	
41	Rajkumar, R., et al., "A resource allocation model for QoS management," Proceedings. The 18th IEEE Real-Time Systems Symposium (Cat No 97/CB36172) p.286-307, Dec. 2-5, 1997.	
42	Weinnb, A., et al., "Decentralized resource allocation for distributed systems," IEEE INFOCOM '87. The Conference on Computer Communications. Proceedings. Sixth Annual Conference - Global Networks. Concept to Realization (Cat. No 87CH2412-3) p. 328-36, M	
43	Shabana, Mohamed, et al., "Intelligent switch architecture," 8081 Proceedings of the National Communications Forum 42 (1988) September 30, No. 2, Chicago, II., pp. 1312-1319.	
44	Nagarajan, Ramesh, et al., "Local Allocation of End-to-End Quality-of-Service in High-Speed Networks," National Research Foundation under grant NCR-9116183 and the Defense Advanced Projects Research Agency under contract NAG2-578, p.p. 1-28, downloaded, A	
45	Elxmann, Martin, et al., "Open Switching - Extending Control Architectures to Facilitate Applications," ISS Symposium, p.p. 239-243, April 23, 1995.	
46	Chandra, P., et al., "Network support for application-onented QoS," (IWQoS 98) 1998 South International Workshop on Quality of Service, p.p. 187-195, May 18-20, 1998.	
47	Klen, Rachelle S, et al, "MINIMAX RESOURCE ALLOCATION WITH TREE STRUCTURED SUBSTITUTABLE RESOURCES, "Operations Research, Vol. 39, No.2, p.p. 285-295, March-April 1991.	
48	Nyong, D., et al., "Resource based policies for design of intervorking heterogeneous service networks," Interoperable Communications Networks, Vol. 1, Nos. 2-4, p.p. 571-80, 1998.	
49	Kabay, S, et al, "The service node an advanced IN services element," 8438 BT Technology Journal Vol. 13 (1995) April, No. 2, pp. 64-72.	

Application Number		09514371
Filing Date		2000-02-28
First Named Inventor	James E. CURRY, et al.	
Art Unit		2416
Examiner Name	Nittaya Juntima	
Attorney Docket Number		VE22.07 CON1

50	Mayer, Robert L., et.al, "Service Net-2000 An intelligent network evolution," 8010 At and T Technical Journal 70 (1991) Summer, No. 34, p.p. 99-110, Short Hills, N.J.	
		ш

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

See Kind Codes of USPTO Patent Documents at wave <u>USPTO GOV</u> or MPEP 901.04. ² Enter office that issued the document, by the two letter code (WIPO Standard ST 3). ³ For Appeared patent documents, the indication of the year of the regist of the Engineer must preced the secral number of the patent documents. The secret number of the patent documents of the patent documents of the secret number of the patent documents. The patent documents of the secret number of the patent documents of the secret number of the patent documents. The patent documents of the secret number of the patent documents of the secret number of the patent documents. The patent documents of the patent documents of the patent documents of the patent documents of the patent documents. The patent documents of the patent documents of the patent documents of the patent documents of the patent documents. The patent documents of the patent documents of the patent documents of the patent documents of the patent documents. The patent documents of the patent d